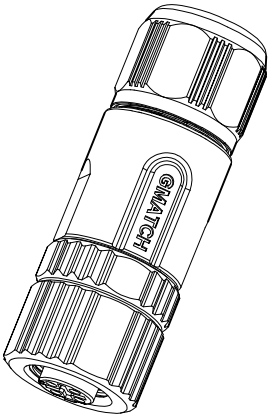


| 版次<br>Rev. | ECN编号<br>ECN No. | 修改说明<br>Reversion Description | 设计<br>Designed | 审核<br>Checked | 核准<br>Approved |
|------------|------------------|-------------------------------|----------------|---------------|----------------|
|            |                  |                               |                |               |                |
|            |                  |                               |                |               |                |
|            |                  |                               |                |               |                |

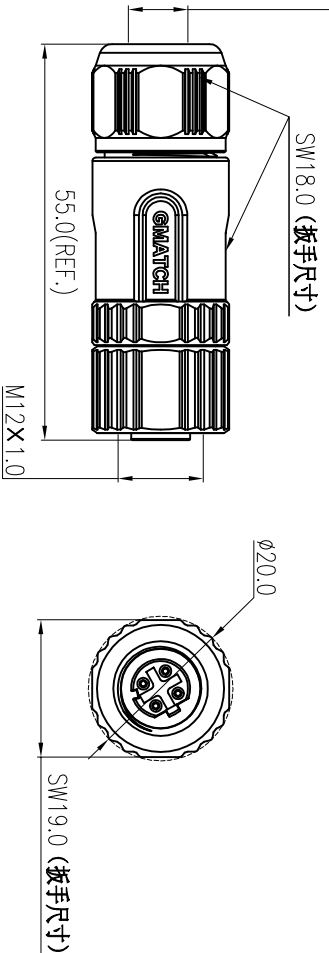
CONNECTOR PARAMETERS  
连接器参数

|                                |                                    |
|--------------------------------|------------------------------------|
| CONNECTOR TYPE<br>连接器类型        | M12 D-CODE                         |
| CORE NUMBER<br>芯数              | 4/5                                |
| RATED VOLTAGE<br>额定电压          | 250/60 V                           |
| RATED CURRENT (40℃)<br>额定电流    | 4 A (40℃)                          |
| WITHSTAND VOLTAGE<br>耐压        | 1.4/1.0 kV (R.M.S)                 |
| INSULATION RESISTANCE<br>绝缘强度  | ≥500M Ω                            |
| CONTACT MATERIAL<br>接触件材质      | COPPER ALLOY<br>铜合金                |
| TERMINAL TYPE<br>端接类型          | SCREW<br>螺钉型                       |
| SHELL MATERIAL<br>外壳材质         | ZINC CASTING/PA66+GF<br>铸锌/PA66+GF |
| INSERTS MATERIAL<br>插体材质       | PA66+GF                            |
| OPERATING TEMPERATURE<br>工作温度  | -40℃~+85℃                          |
| IP DEGREE<br>IP 等级             | IP67                               |
| WIRE GAUGE RANGE<br>线芯范围       | 0.14-0.75mm <sup>2</sup>           |
| FLAMMABILITY<br>阻燃性            | UL 94-V0                           |
| MECHANICAL OPERATION<br>机械寿命循环 | ≥100 cycles                        |

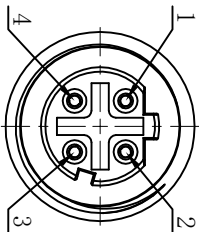


3D MODEL / 3D模型

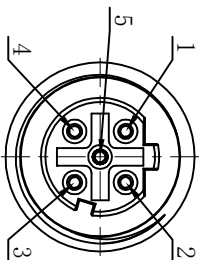
适配电缆OD范围(4-6,6-8)



孔位示意图(4芯)  
HOLES ARRANGEMENT (4CORE)



孔位示意图(5芯)  
HOLES ARRANGEMENT (5CORE)



NOTE: **OX**:接触件PIN数。NUMBER OF CONTACTS .  
**DDXX**:适配电缆外径范围。THE RANGE OF CABLE OD SUITED .

| 自由公差<br>Free Tolerances                                        | 第三视角<br>3RD-Projection | 单位<br>Unit     | mm | 名称<br>Name         | 型号<br>Designation | 图号<br>Figure No. | 图面规格<br>Size | 比例<br>Scale | 页码<br>Sheet | 重量<br>Weight | XXg |
|----------------------------------------------------------------|------------------------|----------------|----|--------------------|-------------------|------------------|--------------|-------------|-------------|--------------|-----|
| 长度尺寸<br>Length Dimensions<br>X. ±0.20<br>.X ±0.10<br>.XX ±0.05 | 核准<br>Approved         |                |    | M12D 4/5芯螺钉型塑料直头母插 | M12D-PF0XT-TDXX   | /                | A4           | 1:1         | 1 / 1       | /            | /   |
| 角度<br>Angle<br>X. ±1.0°<br>.X ±0.5°                            | 审核<br>Checked          |                |    |                    |                   |                  |              |             |             |              |     |
|                                                                | 工艺<br>Craft            |                |    |                    |                   |                  |              |             |             |              |     |
|                                                                | 标检<br>Standardized     | 设计<br>Designed |    |                    |                   |                  |              |             |             |              |     |

GMATCH

厦门固迈电气有限公司

档案员  
Archivist

日期  
Date